

AMENDMENTS TO THE SPECIFICATION

Please amend the paragraph on page 27, line 27, to page 28, line 14, as follows:

The search engine, optimized for wireless communication, is shown in Fig. 13. The speed search application is the front end of the search engine. Once a search request is received, the sequence of search is as shown. As depicted in step 260, a determination is made as to whether the search request is narrow enough. In the event it is determined that the search request is not narrow enough, dialog takes place with the handheld unit to narrow the search, as depicted in step 262, thereby improving response time.

The search engine first looks in the 20/80 RIDB 28 for the desired information 264. Because there is no network access needed to retrieve data from the 20/80 RIDB 28, this is the quickest access. The next preferred information sources are the ICP mobile sites on the local Intranet 266. After the local ICP mobile sites, the desktop sites provided with efficient conversion engines are the next preferred 268. If the information has not been found in the locally connected sources, a search on the Internet is initiated 270. The results of this search are further analyzed, with the responses from networked mobile servers 272 preferred over the efficiently converted database 274 or the standard Internet

information 276 after requested conversion. In each case, the search engine returns a screen to the user 280, or tells the user that the information cannot be found 282.

Please amend the paragraph on page 28, line 22, to page 29, line 7, as follows:

The coverage of the 20/80 RIDB 28 is extended based on an analysis of behavior habit logs (BHL) of each user as illustrated by Fig. 14. On an ongoing basis, each URL accessed via the Internet is logged in the BHL database 300. At predetermined intervals, based on user requirements and variables such as performance guarantees, the BHL database is analyzed for categories 302 such as frequency of visits to a URL and time of access to a URL. For each category that exceeds a predetermined threshold level, responsive action, such as storing the dynamic component of the URL, is initiated 304. For each category where the high usage is time dependent, a time-based fast storage is initiated. In addition to analyzing URL accesses to add data to the 20/80 RIDB, the accesses to the 20/80 RIDB are analyzed to find categories having significant changes from previous usage

Application No. 09/694,643
Filed: October 23, 2000
TC Art Unit: 2157
Confirmation No.: 9761

levels 306. The BHL log analysis is stored as a summary by user as
a baseline for the next analysis 308.